

NOTICE

AS25487

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ISSUED 2004-04

CUSTODIAN: SAE AE-8/AE-8C1

PROCUREMENT SPECIFICATION: MIL-C-7974

SAE Aerospace
An SAE International Group**AEROSPACE STANDARD**

CONNECTOR, PLUG, ATTACHABLE
EXTERNAL ELECTRIC POWER, AIRCRAFT,
28 VOLT DC, JET STARTING

AS25487
SHEET 1 OF 3

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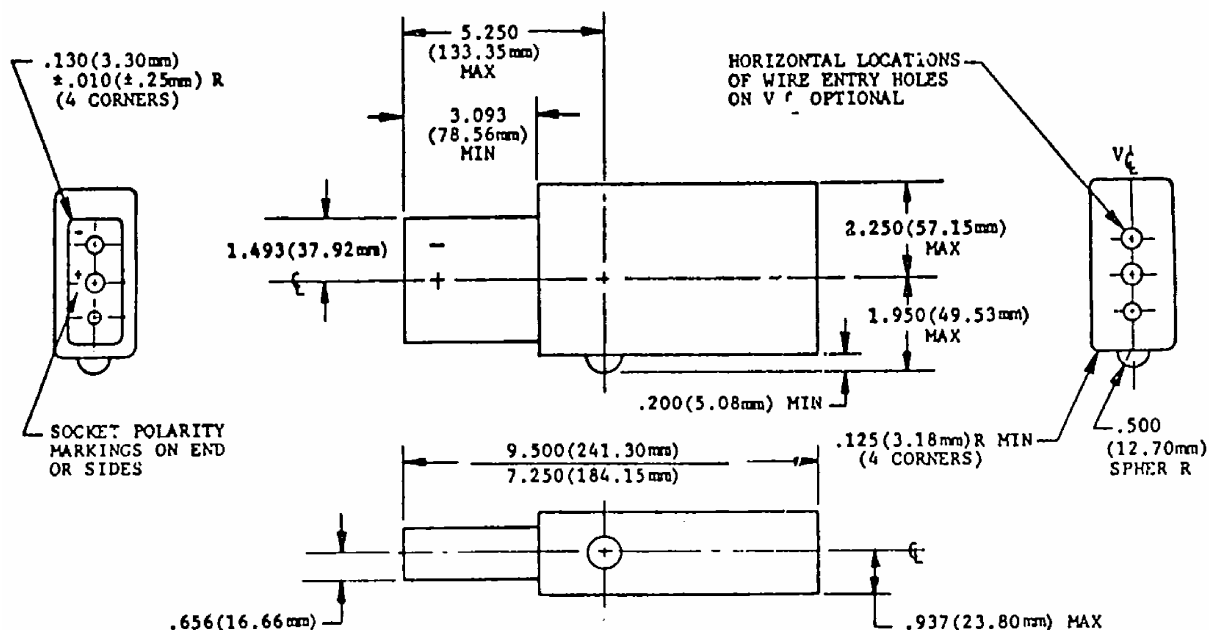


TABLE I

PART NO.	SUPERSEDES	WIRE SIZE	
		LARGE SOCKETS	SMALL SOCKETS
MS25487-10	MS25487-1, -2, -9	0000	NO. 8

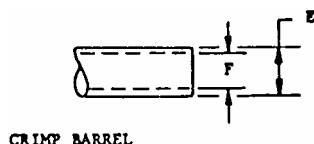


TABLE II

WIRE SIZE	E DIA		F DIA	
	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
0000	.780 (19.81 mm)	.760 (19.30 mm)	.645 (16.38 mm)	.622 (15.80 mm)
8	.272 (6.91 mm)	.260 (6.60 mm)	.186 (4.72 mm)	.176 (4.47 mm)

NOTES:

1. MATERIAL: SEE PROCUREMENT SPECIFICATION.
2. MOLD OR STAMP WIRE SIZE ON CRIMP BARREL.
3. DIMENSIONS IN INCHES, UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ± 0.025 (± 0.64 MM).
4. UNLESS OTHERWISE INDICATED, DIMENSIONS ARE SYMMETRICAL ABOUT CENTERLINES.
5. EACH PLUG WHEN MATED WITH MS25018-2 RECEPTACLE, SHALL MEET ALL THE REQUIREMENTS OF THE PROCUREMENT SPECIFICATION.
6. SOCKET CONTACT CRIMP TYPE BARREL ENDS SHALL BE DESIGNED SO THAT THE PLUG MAY BE ATTACHED TO CABLES USING CRIMPING TOOLS SPECIFIED IN MS20659.
7. ONLY NONCORROSIVE HARDWARE SHALL BE USED IN THE MANUFACTURE OF THE PLUG.
8. METRIC EQUIVALENTS (TO THE NEAREST .01 MM) ARE GIVEN FOR GENERAL INFORMATION ONLY AND ARE BASED ON 1 INCH = 25.4 MM.
9. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BIDS, OR REQUEST FOR PROPOSALS EXCEPT THAT REFERENCED ADOPTED INDUSTRY DOCUMENTS SHALL GIVE THE DATE OF THE ISSUE ADOPTED.
10. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.